

REMARKS

In the Action, claims 1-20 are allowed, and claims 21-25 are rejected. In response, claim 21 is amended and new claims 26-27 are added to depend from claim 21. In view of these amendments and the following comments, reconsideration and allowance are requested.

Claim 21 is amended to recite that the hinged device has a hinge body rotatably coupled to the terminal body about the first axis of rotation, a shaft rotatably coupled to the hinge body about the second rotational axis, and a spring member within the hinge body to apply a biasing force against the cam member on the shaft. These amendments are consistent with the hinge device recited in allowable claim 1.

Claim 26 is added to depend from claim 21 to further recite the structure of the hinge device including a pair of support brackets forming a support groove and an opening in the housing to receive the main shaft unit. These amendments are fully supported by the specification as originally filed.

Rejection of Claims 21 and 22

Claims 21 and 22 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,813,146 to Haraguchi et al. Haraguchi et al. is cited for disclosing a method of operating a portable wireless terminal having a rotary hinge. Haraguchi et al. does not disclose the hinge device as now claimed or the method of opening and closing the portable wireless terminal as in amended claim 21. In particular, Haraguchi et al. does not disclose a hinge having a hinge body rotatably coupled to the terminal body and a shaft pivotally coupled to the hinge body or the method of opening and closing the portable wireless terminal by rotating the folder and the shaft about the second axis as claimed. Accordingly, claims 21 and 22 are not anticipated by Haraguchi et al. In view of these amendments and the above comments, Applicants request this rejection be withdrawn.

Rejections Under 35 U.S.C. § 103(a)

Claim 24 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Haraguchi et al. and further in view of U.S. Patent No. 6,812,958 to Silvester. Silvester is cited for disclosing a camera lens in a display. The Action contends that it would be obvious to one of ordinary skill in the art to include a camera lens in the device of Haraguchi et al.

Claim 24 depends from claim 22 which depends from claim 21 and is allowable as depending from an allowable base claim. Furthermore, Silvester provides no suggestion of providing a camera lens in a portable wireless terminal and opening and closing the terminal body and folder about the hinge device as recited in method claim 21. Accordingly, claim 24 is not obvious over the combination of Silvester and Haraguchi et al.

Claims 23 and 25 are rejected as being obvious over Haraguchi et al. and further in view of U.S. Patent No. 6,798,132 to Satake. Satake is cited for disclosing a PDA terminal mode and a flexible printed circuit providing electrical connection between the folder and the terminal body. The combination of Satake and Haraguchi et al. does not disclose the claimed method of opening and closing the terminal body and folder about the hinge device as recited in claim 21. Accordingly, claims 23 and 25 are allowable over the combination of Haraguchi et al. and Satake.

In view of these amendments and the above comments, claims 21-27 are submitted to be allowable over the art of record. Accordingly, reconsideration and allowance are requested.

Respectfully submitted,



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